

Care and Cleaning

ALWAYS DISCONNECT THE PLUG FROM THE ELECTRICAL OUTLET BEFORE CLEANING. REMOVE STEAM UNIT, LETTING ALL WATER DRAIN BACK INTO THE CONTAINER.

DO NOT ATTEMPT TO DISASSEMBLE THE ELECTRODE HEATING UNIT. DOING SO WILL VOID OUR WARRANTY AND COULD DAMAGE THE VAPORIZER OR CAUSE PERSONAL INJURY.

DANGER: NEVER CONNECT ELECTRIC CORD TO WALL OUTLET UNLESS OUTER CAP, HEATING UNIT, LENS AND PROTECTIVE HOUSING ARE SECURELY ATTACHED.

Daily Maintenance:

Empty any unused water from the water container. Rinse container thoroughly with water, drain and wipe with a dry, clean cloth.

Weekly Maintenance:

1. Empty any unused water from the water container. Rinse container thoroughly with water, drain and wipe with a dry, clean cloth.
2. Soak steam unit in 3 1/2 inches of white vinegar for 20 minutes. (Figure F). Then, with finger covering the bottom hole of the steam unit, add tap water into steam outlet. (Figure G) Cover steam outlet with finger of other hand, shake vigorously, then empty the water through steam outlet. (Figure H) Repeat several times until black scale/particles are no longer emitted and vinegar odor is gone.
3. Be sure that steam outlet, Safety Vents (in front corners of night-light lens), and water intake hole in bottom of steam unit are open and not clogged. Poke clean with a toothpick.

Disinfecting the Reservoir:

Fill reservoir with water and add 1 teaspoon of bleach per gallon of water. Swish to wet all inner surfaces. Let stand for 20 minutes. Then empty reservoir and rinse with tap water until the bleach smell is gone. Dry with a clean cloth.

End-Of-Season Maintenance/Storage:

Follow *Weekly Maintenance* and *Disinfecting the Reservoir* procedures at end-of-season or when the vaporizer will not be used for several days. Be sure to dry all parts, place vaporizer into its original box and store in a cool, dry location. **DO NOT STORE UNIT WITH WATER INSIDE.**

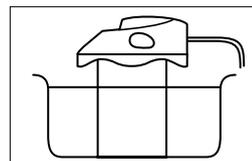


Figure F

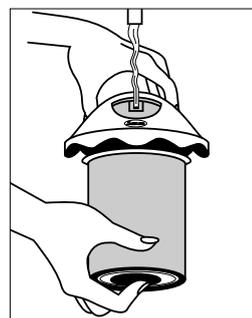


Figure G

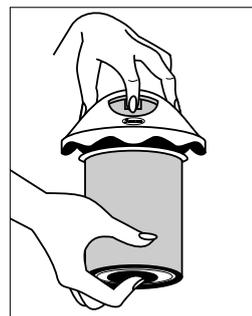


Figure H

Replacement Parts

Credit Card Payment

We accept Visa® and MasterCard®. Minimum credit card order is \$10.00.

To Order by Phone

Call toll-free by dialing 1-800-477-0457. Please have your credit card handy for payment. Carefully spell out your name and mailing address.

To Order by Mail

Send your order to Kaz Consumer Service Orders, 4411 Route 9, One Vapor Trail, Hudson, NY 12534. Please clearly print your name, mailing address, and products ordered. Enclose check or money order payable to Kaz, Incorporated (no cash, please).

To Order by Fax

Fax your order to Kaz Consumer Service Orders at 1-518-828-2015. Please clearly print your name, mailing address, products ordered, and price extension. Be sure to specify either Visa® or MasterCard®, card number and expiration date, then sign your order. Minimum credit card order is \$10.00.

To Order Via The Internet

E-Mail us at consumerservice@kaz.com. Be sure to include your name, mailing address and products ordered. Specify either Visa® or MasterCard®, your card number and expiration date. Minimum credit card order is \$10.00.

Prices:

- ▶ Kaz Inhalant 6 ounce bottle \$4.00 each
Doctor-prescribed for vaporizer therapy for over half a century. Formulated for use in all electric vaporizers.
- ▶ Vaporizer Steam Unit With Night-Light for Model 2100 7.00 each
- ▶ Vaporizer Water Container 1.5 gallon for Model 2100 8.00 each

Add \$4.00 per order for postage and handling. New York State residents please add applicable sales tax.

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KAZ, INCORPORATED
VAPORIZER SERVICE DEPARTMENT
4411 ROUTE 9
ONE VAPOR TRAIL
HUDSON, NY 12534

A.0202

Vaporizer

OWNER'S MANUAL

READ AND SAVE THESE INSTRUCTIONS

Thank you for buying a Kaz Vaporizer. Kaz has been a leading manufacturer of vaporizers for over 75 years. We are committed to your family's health and safety, so be sure to carefully read these instructions...especially those regarding safe operation.

WARNING: KEEP OUT OF REACH OF CHILDREN

We recognize that many of our customers use Kaz vaporizers in homes with young children. Carefully supervise your children when the vaporizer is operating, especially crawling infants and toddlers. For children who can understand, please be sure to take the time to instruct them that the vaporizer is not a toy...it is a serious medical device that produces hot steam and could cause severe burns and injuries if they do not stay away from it.

Vaporizer should always be placed on a firm, flat surface at least four feet away from bedside. For safest operation, vaporizer should be placed on floor, where it cannot fall or be pulled down. Be sure the power cord is out of the way to prevent vaporizer from being upset. Protect floor, rug or furniture by placing the vaporizer on a non-metallic heat-resistant surface.

ADDING SALT FOR STEAM FLOW: Steam output depends directly on the mineral content of the water and the amount of salt you add. For the vaporizer to operate in areas of low or moderate mineral-content water, 4 TO 5 PINCHES OF SALT MUST BE ADDED TO THE WATER AND MIXED THOROUGHLY.

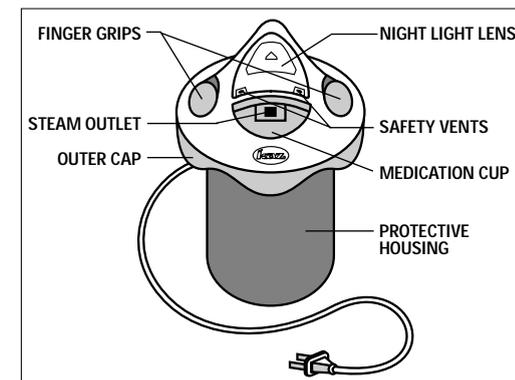
If an adequate steam flow is not obtained after ten minutes, add another PINCH or two as needed. CAUTION: Add salt only by the PINCH, since too much salt can cause excessive boiling, a blown fuse or tripped circuit breaker.

If you live in a "hard-water" area, the vaporizer may operate well without salt additive.

The salt and other minerals in your water remain inside the vaporizer and do not affect the purity of the steam.

USE FINGER GRIPS when handling steam unit, grasping from the rear of outer cap. See *Figure C* on next page. Do not move vaporizer while in use.

☞ If you have any questions about the operation of your vaporizer, call our toll-free Consumer Service Line: 800/477-0457.



kaz

Manufacturing Quality Healthcare Products for Over 70 Years

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Instructions

- 1. UNRAVEL CORD BEFORE USE.** Failure to do so could cause overheating and possible fire hazard.

Always disconnect cord at electrical outlet before removing the steam unit or when vaporizer is not in use. Allow steam unit to cool before handling.

- 2. FILL WATER CONTAINER:** Remove steam unit. Fill container with tap water to water level marking on bowl. DO NOT OVERFILL. (Figure A)
- 3. ADD SALT:** For tap water of low or moderate mineral content, ADD 4 TO 5 PINCHES (1/8 teaspoon) of ordinary table salt to the water and mix thoroughly. (Figure B)

Salt has no effect on the purity of the steam or medication.

Caution: Too much salt can cause excessive boiling or blown fuse.

- 4. REPLACE STEAM UNIT.** Hold down steam unit for ten seconds to allow water to enter the housing and seat it properly in water container. If steam unit floats, container is overfilled. (Figure C)
- 5. PLACE VAPORIZER IN A SAFE POSITION.** Vaporizer should always be placed on a firm, flat surface at least four feet away from bedside. For safest operation, vaporizer should be placed on floor, where it cannot fall or be pulled down. Be sure the vaporizer is in a stable position and power cord is out of the way to prevent vaporizer from being upset or tipped over.

☞ **PROTECT** floor, rug or furniture by placing the vaporizer on a non-metallic heat-resistant surface.

CAUTION: Do not direct steam flow directly at patient, walls or furniture. You will still obtain desired level of humidity. KEEP OUT OF THE REACH OF CHILDREN, ESPECIALLY CRAWLING INFANTS AND TODDLERS; STEAM CAN CAUSE BURNS.

- 6. KAZ INHALANT MEDICATION:** For best results fill the medication cup on the steam unit (located directly below and in front of the steam outlet) with one tablespoon of KAZ INHALANT. (Figure D)

Do not pour any other brand of medication into the water container. It will damage the unit and void our guarantee.

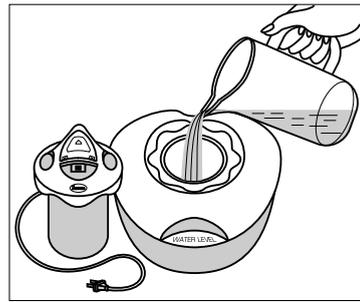


Figure A

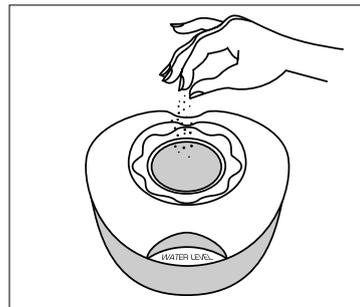


Figure B

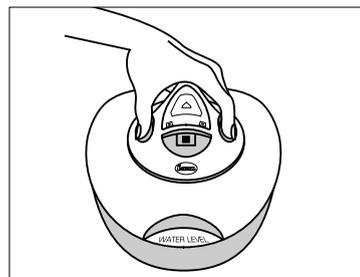


Figure C

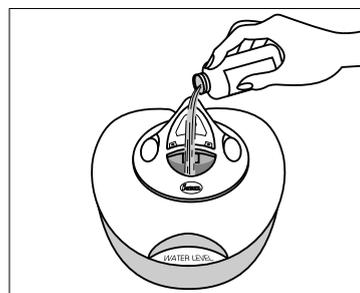


Figure D

- 7. PLUG IN:** Plug power cord into 110-120 Volts AC outlet in good condition fused for at least 15 Amps. Do not use with extension cords.

This product has a polarized plug (one blade is wider than the other) as a safety feature. This plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT ATTEMPT TO DEFEAT THIS SAFETY FEATURE.

Vaporizer will produce a gentle flow of steam within a few minutes. If steaming does not start within ten minutes, see *Troubleshooting* checklist. The vaporizer will automatically stop producing steam when water has reached minimum level (about 3/4 inch from bottom of container). The night-light will remain on, indicating that the vaporizer is plugged in. Always unplug steam unit and allow to cool before removing from water container.

☞ Under conditions of rapid boiling and near the end of each operation, steam may emerge from Safety Vents (in front corners of night-light lens). This condition is normal, preventing overboiling by relieving steam pressure. (Figure E)

☞ Do not lift or move vaporizer while it is in use.

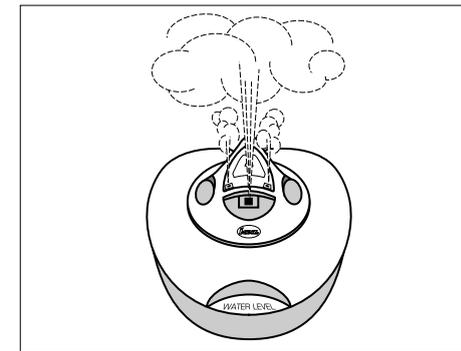


Figure E

- 8.** Use fresh water and medication each time vaporizer is used.
NOTE: All medicinal ingredients of Kaz Inhalant are released in use, leaving only the mineral oil base in medication cup. This should be emptied after operation. Medication cup can be cleaned with a piece of cotton.
- 9. AFTER EACH USE:** Empty any unused water from the water container. Shake container gently back and forth to remove any remaining water. Rinse container thoroughly with water, drain and wipe with a dry, clean cloth.
IMPORTANT: To maintain proper operation of your vaporizer, be sure to follow *Care and Cleaning Instructions*.

Special Notes

Discoloration/Black Particles

After use, the water residue in the bottom of the container may contain black particles, and, in some areas, the water and the bottom of container may discolor. These conditions are normal and do not affect the purity of the steam or medication. The container is easily cleaned with soap and water. Rinse and dry the container after cleaning.

Ventilation

When vaporizer is used in closed or small rooms, check periodically for proper ventilation, as excessive humidity can cause condensation stains on walls.

Storage of Vaporizer

When vaporizer is not in use, clean thoroughly, following *Care and Cleaning Instructions*. Dry all parts and store in a cool, dry location. NEVER store with water in the container!

Condition of Sale

As a condition of sale, the purchaser assumes responsibility for the proper care and use of this appliance in accordance with our printed instructions. The purchaser or user must judge for himself or herself when to use it and length of use.

Troubleshooting: What To Do If...

...Vaporizer does not operate or steams too slowly:

1. Make sure vaporizer is plugged in and the night-light is lit.

If the night-light is not on, you may have a blown fuse, tripped circuit breaker or a defective electrical outlet. Try a different outlet or you may want to contact an electrician to check out the potentially defective outlet.

2. The fault may be the low mineral content of the water in your area.

Unplug vaporizer from electrical outlet, remove steam unit, add one or two PINCHES of salt to the water and mix thoroughly. Replace the steam unit and plug in vaporizer. It should steam within 5 minutes. Add salt only by the PINCH, since too much salt can cause excessive boiling or blowing of fuse.

3. If vaporizer has been operating normally and is now failing to steam, it needs to be cleaned. See the "Weekly Maintenance" section of *Care and Cleaning Instructions*.

...Vaporizer operates too fast, fuse blows or circuit breaker trips:

Overboiling, flickering lights, blown fuse or heavy steam flow from Safety Vents generally indicates one of the following causes...

1. Too much salt was added to the water.

To correct the condition: Disconnect vaporizer from electrical outlet, pour out water and rinse container. Rinse steam unit as described in "Weekly Maintenance" section of *Care and Cleaning Instructions*. Refill with fresh water but DO NOT ADD SALT.

Limited Warranty

This vaporizer is warranted against defective materials and workmanship. See carton for warranty period. Any defective part will be replaced at no charge if it has not been tampered with and appliance has been used according to our printed directions. Warranty gives you specific legal rights; you may have other rights which vary from state to state.

If you experience unsatisfactory operation, first follow *Troubleshooting* and *Care and*

If vaporizer now does not operate or steams too slowly, see above.

2. You live in a "hard water" area and minerals in the tap water are causing the vaporizer to steam too rapidly.

To correct the condition: Disconnect vaporizer from electrical outlet, pour out water and rinse container. Rinse steam unit as described in "Weekly Maintenance" section of *Care and Cleaning Instructions*. Refill with fresh water but DO NOT ADD SALT.

If unit still steams too rapidly, use 1/2 distilled water and 1/2 tap water. Food and drug stores usually stock distilled water.

In "hard water" areas it is advisable to clean the unit every few days in accordance with the "Weekly Maintenance" section of *Care and Cleaning Instructions*.

...Vaporizer is making crackling/buzzing/humming sounds or water container is unusually hot:

1. You may have added too much salt. See above.
2. You may live in a "hard water" area. See above.
3. This may be an indication your vaporizer needs cleaning. Refer to the "Weekly Maintenance" section of *Care and Cleaning Instructions*.

If you are still experiencing difficulty in operating your vaporizer, please call our Consumer Service Department at 800-477-0457.

Cleaning Instructions. If the unit still does not operate satisfactorily, call our Consumer Service Department at 800/477-0457 or write to Vaporizer Service Department, 4411 Route 9, One Vapor Trail, Hudson, NY 12534, explaining just how the vaporizer is operating. Specify model number. Our Consumer Service Representative will provide further instructions on how to correct the trouble yourself, or will ask you to return the steam unit for repair or replacement.